

# Workflow and projects description

## MY PERSONAL PROJECTS

I can't show the commercial business projects I worked on: some of them are desktop applications, some of them was closed, or intranet projects. But in my spare time I develop my own pet projects. I have an active account on GitHub but I don't waste my time on small nobody interested experiments.

<https://github.com/sergdrozdo>

### WebDynamics

<https://sd.blackball.lv/>

Software development blog. Articles, books, videos, content management.

.NET Framework, .NET Core, C#, IIS, SQL Server, Dapper, HTML5, JavaScript, jQuery, JSON, Web API, video processing using ffmpeg, CI/CD, my own Content Management System named *BlackNight CMS Lite*.

### Blackball

<https://blackball.lv/>

Huge entertainment portal: music, cinema, games, videos, articles, books, software, forum, humor, pictures and many more. In the same time also an experimental platform for studying new, different developments and practical applications. Social network, content management.

*In the 2021 I plan to port the project to .NET 5.*

.NET Framework, C#, IIS, SQL Server, Dapper, HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, XML, SignalR, Windows services, Web API, JWT, asynchronous programming, unit tests, mobile version, RSS, Single Page Application, Continuous Delivery, self-service infrastructure, video processing using ffmpeg, geolocation, custom logging, JSON-LD, OpenGraph, my own Content Management System named *BlackNight CMS*.

### Amerikas Auto

<https://amerikasauto.com/>

Car service and spare parts for all USA and European car models, Customer Relationship Management.

.NET Framework, C#, IIS, SQL Server, Dapper, HTML5, JavaScript, jQuery, JSON, unit tests, mobile version, Continuous Delivery, my own Content Management System named *BlackNight CMS Lite*.

### Transport Certification Center

<https://autosc.site/>

Transport registration and certification services in Latvia, Customer Relationship Management.

.NET Framework, C#, IIS, SQL Server, Dapper, HTML5, JavaScript, jQuery, JSON, Continuous Delivery, my own Content Management System named *BlackNight CMS Lite*.

### Mail Daemon

<https://sd.blackball.lv/job/tests/MailDaemon/readme.html>

Console application. Small utility to send batch emails. Fully customizable JSON configuration.

.NET Framework, C#, JSON.

### Geolocation Assistant

<https://geodata.blackball.lv/>

Website for determining geolocation by IP.

.NET 8, C#, JSON.

## PROJECTS

### Trialto Latvia

**Project:** warehouse management system.

**Technologies:** .NET Framework 4.5.2, 4.6, .NET Core 2, C#, VB.NET, MS SQL Server, ADO.NET, Entity Framework, Git, SCEXpert WMS, AG Grid.

**Methodology:** Agile/Scrum.

**Team:** members: me.

**My role:** Senior .NET developer.

**Key responsibilities:** tasks implementation, legacy project support, explain QA members how to test.

**Communication:** daily meetings on demand using Telegram.

### Jean Edwards Consulting

**Project:** insurance software development – Emergency Management System.

**Technologies:** Windows Forms, C#, VB.NET, MS SQL Server, ADO.NET, Infragistics Windows Forms, Git, Azure.

**Methodology:** Agile/Scrum.

**Team:** distributed. Members (4): [Riga team] me; [Switzerland] Project Manager; [India] 2 QA members.

**My role:** Senior .NET developer.

**Key responsibilities:** tasks implementation, legacy project support, explain QA members how to test.

**Communication:** daily meetings using Skype and WebEx.

### MBIT

**Project:** staff working time planning system for a network of building stores.

**Technologies:** ASP.NET MVC, C#, MS SQL, Entity Framework, MS Dynamics, HTML5, CSS3, Bootstrap, Angular, TypeScript, Git.

**Methodology:** Agile/Scrum.

**Team:** Members (2): me; Project Manager.

**My role:** Senior Full-Stack .NET developer.

**Key responsibilities:** tasks implementation, new functionality, new modules development, localization, testing, bug fixes.

**Communication:** daily meetings using WhatsApp and Skype.

### OnTarget Labs, Inc.

**Project:** insurance software development for USA company RegEx.

**Technologies:** ASP.NET Web Forms + MVC, Telerik Kendo UI, C#, Bootstrap, jQuery, Oracle, Git, Azure.

**Methodology:** Agile/Scrum.

**Team:** distributed. Members: [Riga office] me, .NET developer; [Russia] Project Manager, 2 QA members; USA team.

**My role:** .NET developer.

**Key responsibilities:** tasks implementation, new pages development, bugs fixes.

**Communication:** daily meetings using Skype and GoToMeeting.

### Exigen Services (since September 2018 - emergn)

**Project:** tax and informative declaration system (Electronic Declaration System, Latvian State Revenue Service).

**Technologies:** ASP.NET MVC, C#, Oracle, Entity Framework, HTML5, CSS3, Bootstrap, jQuery, TFS.

**Methodology:** Agile/Scrum.

**Team:** Riga local team. Members (total 7): 3 .NET developers, Business Analyst, Oracle DBA, Project Manager, 2 QA.

<https://sd.blackball.lv/sergey-drozdov>

Sergey Drozdov: appendix to the CV

<https://sd.blackball.lv/cv/>

<https://sd.blackball.lv/job/docs>

**My role:** senior .NET developer.

**Key responsibilities:** project development, tasks implementation, bugs fixes.

**Communication:** daily meetings using Slack.

<https://sd.blackball.lv/sergey-drozdov>

## Atea Global Services

**Project:** legacy project to automate IT department workflow.

**Technologies:** ASP.NET Web Forms, C#, MS SQL Server, ADO.NET, TFS, Azure.

**Methodology:** Agile/Scrum.

**Team:** me, Project Manager.

**My role:** senior .NET developer.

**Key responsibilities:** database and project architecture development, system administration, tasks implementation, bugs fixes.

**Communication:** daily Scrum meetings.

## SIA ITIS

**Project:** payday loans websites and services.

**Technologies:** ASP.NET MVC, C#, MS SQL, ADO.NET, WCF, SignalR, HTML5, CSS3, jQuery, Git.

**Methodology:** Agile/Scrum.

**Team:** Riga local team. Members: me, Project Manager, 2 QA members.

**My role:** developer.

**Key responsibilities:** ASP.NET web projects development, database and projects architecture development; creating email templates, localization, tasks implementation, bugs fixes.

**Communication:** Skype.

**Achievements:**

1) Affiliates module with utm\_ markers.

2) Chats integration.

3) CreditInfo integration.

Integrate <https://creditinfo.com/> WCF web service to process client's credit history.

## Assecor GmbH

**Project:** internal website to automate IT-department workflows.

**Technologies:** .NET, ASP.NET, WPF PHP, CodeIgniter, HTML5, CSS3, Bootstrap, jQuery, TFS, Azure, PostgreSQL, PowerShell, Active Directory, Windows Server 2012.

**Methodology:** Agile/Scrum.

**Team:** distributed. Members: [Riga team] me; [Berlin] Project Manager.

**My role:** Software Engineer.

**Key responsibilities:** full development cycle, database and project architecture development, system administration, tasks implementation, bugs fixes.

**Communication:** daily meetings using Skype.

## RGM Distribution

**Project:** plumber Internet shops.

**Technologies:** ASP.NET MVC, C#, VB.NET, SQL Server, ADO.NET, MS Dynamics, HTML5, CSS3, Bootstrap, jQuery, TFS, Scrum.

**Methodology:** Agile/Scrum.

**Team:** Members (11): [Riga team]: 3 .NET developers, web-master, tester, 6 Data Entry; [USA] Project Manager.

**My role:** senior developer.

**Key responsibilities:** database and projects development, creating email templates, tasks implementation, bugs fixes.

**Communication:** daily meetings using Skype.

## Soft-FX

Forex software development.

**Project 1:** Forex accounts registration.

**Technologies:** ASP.NET MVC, C#, MS SQL, Azure.

**Methodology:** Agile/Scrum.

**Team:** only me.

**My role:** .NET developer.

**Key responsibilities:** create and support project, bugs fixes.

**Communication:** daily meetings using Slack.

**Project 2:** Forex accounts management.

**Technologies:** WPF, WCF, SQL Server, Entity Framework, MongoDB, Infragistics WPF, Nullsoft Scriptable Install System (NSIS), MetaTrader 4, Azure, TeamCity, Jira, Confluence.

**Methodology:** Agile/Scrum.

**Team (9):** me, .NET developers, Project Manager.

**My role:** .NET developer.

**Key responsibilities:** project development, tasks implementation, bugs fixes.

**Communication:** daily meetings using Skype.

**Achievements:** NSIS installer integration.

## Diatom Enterprises

**Project 1:** Software for Swedish company Begoma.

**Technologies:** ASP.NET MVC, Windows Forms, SQL Server, Entity Framework, Telerik UI for WinForms, Unit Testing, Jira, TFS.

**Methodology:** Agile/Scrum.

**Team:** members (6): [Riga team]: 3 .NET developers; [Ukraine]: 3 .NET developers.

**My role:** .NET developer.

**Key responsibilities:** database and project development, tasks implementation, bugs fixes.

**Communication:** daily meetings using Skype.

## Accenture Latvia

**Project:** cdede

**Technologies:** dede

**Methodology:** Agile/Scrum.

**Team:** Riga local team. Members: me, Project Manager, 2 QA members.

**My role:** developer.

**Key responsibilities:** legacy project support. Windows Forms, VB.NET, ADO.NET, MS SQL Server.

**Communication:** daily meetings using Skype.

## Hospital Organizer AS

**Project:** Care Organiser, software suite for hospitals. 6 projects: Windows Forms, ASP.NET.

**Technologies:** ASP.NET Web Forms, Windows Forms, SQL Server, DevExpress .NET Application Framework, JavaScript, Active Directory, TFS.

**Methodology:** Waterfall.

**Team (3):** me, .NET developer, Product Owner.

**My role:** architect, .NET developer.

**Key responsibilities:** database and projects architecture development, system administration, tasks implementation, bugs fixes.

**Communication:** in the office.

## Intechnic Europe

**Project:** outsource websites development for USA customers.

**Technologies:** PHP, MySQL, internal PHP framework.

**Methodology:** Agile/Scrum.

**Team (9):** me, 7 PHP developers, Project Manager.

**My role:** PHP developer.

**Key responsibilities:** tasks implementation, bugs fixes.

**Communication:** daily meetings using Skype.